

PROTECTION AND MANAGEMENT: Most of the natural area lies on State-owned land with some unofficial protection, as the area is used for education and research by N.C. State University. However, the trillium population lies on private, unprotected land. The owner of the trillium population has been contacted by N.C. State botanists and plans to maintain the site in its current state. Nonetheless, Wake County, which owns a small piece of land in the natural area, is encouraged to acquire the entire floodplain above the millpond, not only to protect the trillium but to protect the water quality and quantity at the millpond. Otherwise, logging could endanger the trillium and increase sedimentation into the pond.

There is always concern over beavers flooding the trillium population, which had been feared until recently. There may be a need to control the beaver population, or remove dams, in order to keep the floodplain “dry”.

NATURAL COMMUNITIES: Mesic Mixed Hardwood Forest, Piedmont/Low Mountain Alluvial Forest

RARE PLANTS: Carolina least trillium (*Trillium pusillum* var. *pusillum*), water purslane (*Didiplis diandra*)

REFERENCES:

- LeGrand, H.E., Jr. 1987. Inventory of the natural areas of Wake County, North Carolina. Report to Triangle Land Conservancy, N.C. Natural Heritage Program, and Wake County Parks and Recreation Commission.
- Wiecek, C. 2002. Site survey report: Yates Mill Pond. N.C. Natural Heritage Program, DPR, DENR, Raleigh.